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VIA Express Mail EL629610866US
PATENT
36856.1330

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re. application of : Tsutomu OKADA Serial No.: Unknown Filed: Concurrently herewith For: ELECTROMAGNETIC FIELD ANALYZER, ELECTROMAGNETIC FIELD ANALYZING PROGRAM, AND STORAGE MEDIUM FOR RECORDING THE PROGRAM | International Application No.: PCT/JP2004/016434 International Filing Date: November 5, 2004 |
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INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits copies of the prior art listed on the attached Form PTO-1449. The prior art references Nos. 1-3 were cited in the attached International Search Report for PCT Application No. PCT/JP2004/016434. The prior art references Nos. 4 and 5 are additional references that Applicant is submitting herewith. The relevance of prior art reference No. 4 is discussed on page 2 of the Substitute Specification filed concurrently herewith. The relevance of prior art reference No. 5 is discussed on page 3 of the Substitute Specification filed concurrently herewith.

Information Disclosure
Statement
March 14, 2005
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The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully requests that the disclosed references be made of record in the subject application.

Respectfully submitted,



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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

10/527738

Application Number

Filing Date

First Named Inventor

Tsutomu OKADA

Art Unit

Examiner Name

Attorney Docket Number 36856.1330

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-------------------|-----------------------|--|----------------|
| | 1 | Katsumi TSUBOTA et al., "The speed-up of Finite Element Analysis Using Non-nested Multigrid Method", SA-99-1~12, RM-99-55~66, pp. 19-24, 08/1999, (SA-99-4, RM-99-58). | x |
| | 2 | Herbert DE GERSEM et al., "Full Multigrid for Magnetostatics Using Unstructured and Non-Nested Meshes"; IEEE Transactions on Magnetics, vol. 37, no. 5, pp. 3460-3464. 09/2001. | x |
| | 3 | Akihisa KAMEARI, "Application of Geometrical Multigrid Method to Electromagnetic Corporation by Finite Element Method", SA-01-1~19, RM-01-69~87, pp. 61-66, 08/2001, (SA-01-11, RM-01-79). | x |
| | 4 | R. HIPTMAIR, "Multigrid Method for Maxwell's Equations", Institut für Mathematick, Universität Augsburg, SIAM Journal of Numerical Analysis, Vol. 36, no. 1, , pp. 204-225, 1999. | x |
| | 5 | David DIBBEN et al., "Non-nested Multigrid and Automatic Mesh Coarsening for High Frequency Electromagnetic Problems", The Japan Research Institute, Ltd., IEEJ Investigating Research Committee Material, SA-02-34, RM-02-70, pp. 71-75, 2002. | x |
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| Examiner | Date |
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.